

RECENT LITERATURE

Compiled by M. S. Moulds

BAEHR, Martin

1976. Über eine Aufsammlung von Carabiden (Coleoptera, Adephaga) aus Tasmanien. *Ent. Zeitschf.* 86(14): 145-158.

BAILEY, Winston J. and RICHARDS, Kevin T.

1975. A report on the insect fauna of the Prince Regent River Reserve, north-west Kimberley, Western Australia. In: A biological survey of the Prince Regent River Reserve, north-west Kimberley, Western Australia in August, 1974. Edited by Jenefer M. Miles and Andrew A. Burbidge. *Wildl. Res. Bull. West. Aust.* 3: 101-112, text-figs 1-6. Many insects listed covering most orders.

BARTON BROWNE, L., MOORHOUSE, J.E. and VAN GERWEN, A.C.M.

1975. Excitatory state generated during feeding in the locust, *Chortoicetes terminifera*. *J. insect Physiol.* 21: 1731-1735.

- 1975a. Sensory adaptation and the regulation of meal size in the Australian plague locust, *Chortoicetes terminifera*. *J. insect Physiol.* 21: 1633-1639.

BENGSTON, M., COOPER, Lynne M. and GRANT-TAYLOR, Frances J.

1975. A comparison of bioresmethrin, chlorpyrifos-methyl and pirimiphos-methyl as grain protectants against malathion-resistant insects in wheat. *Qd J. agric. animal Sciences* 32(1): 51-78, tables 1-18.

Coleoptera: *Sitophilus oryzae*

Rhizopertha dominica

Tribolium castaneum

Lepidoptera: *Ephestia cautella*

Also issued, 1975, as Qd Dept. Prim. Indust., Div. Plant Indust. Bull. No. 720.

BENSINK, A. H. A. and BURTON, H.

1975. North Stradbroke Island. A place for freshwater invertebrates. *Proc. R. Soc. Qd* 86(7): 29-45, tables 1-11, text-figs 1-5.

BERG, Rolf Y.

1975. Myrmecochorous plants in Australia and their dispersal by ants. *Aust. J. Bot.* 23(3): 475-508, tables 1-8, text-figs 1-49.

BROADLEY, R. H.

1975. Tobacco pest control in seedbeds. *Qd agric. J.* 101(5): 609-616, illustr.

CARNE, P. B.

1976. *Cheiroplatys volsellus* sp. n. and notes on related species (Coleoptera: Scarabaeidae. Dynastinae). *J. Aust. ent. Soc.* 15(1): 85-88, text-figs 1 & 2.

CROSBY, D. F.

1975. Insects of the Victorian national parks. Part 1 — Butterflies. *Victorian Ent.* 5(3): 117-125.

- 1975a. Report on excursion, 9th November 1975. *Victorian Ent.* 5(6): 152. Lepidoptera: 6 butterfly species mentioned.

1976. Further notes on the butterflies of the Big Desert. *Victorian Ent.* 6(2): 15-16.

CUNNINGHAM, I. C. and BROADLEY, R. H.

1975. The major insect pests of tobacco. *Qd agric. J.* 101(5): 617-622, illustr.

DAVIDSON, R.L., HILDITCH, J.A., WISEMAN, J.R. and WOLFE, V.J.

1974. Prediction of mortality in scarab larvae from extremes of temperature. *Abstr. Australas. Conf. Ecol. Grassland Inverteb.* 1974: 57-58. Coleoptera: Scarabaeidae species

EDGAR, J. A.

1975. Danainae (Lep.) and 1, 2-dehydropyrrolizidine alkaloid-containing plants — with reference to observations made in the New Hebrides. *Phil. Trans. R. Soc. Lond. (B)*272: 467-476, tables 1 & 2, text-figs 1-3.

Repeats data from CULVENOR, C. C. J. and ROBINSON, G. S., 1973 and EDGAR, J. A., CULVENOR, C. C. J. and SMITH, J. W., 1971, *q.v.*

EISNER, Thomas, ANESHANSLEY, Daniel, EISNER, Maria, RUTOWSKI, Ronald, CHONG, Berni and MEINWALD, Jerrold

1974. Chemical defense and sound production in Australian tenebrionid beetles (*Adelium* spp.). *Psyche* 81(1): 189-208, table 1, text-figs 1-15.

ELDER, R. J.

1974. *Oncopera brachyphylla* Turner and *Oncopera mitocera* (Turner) insecticide control trials 1964-1966. *Qd J. agric. anim. Sci.* 31(3): 279-284, tables 1 & 2, text-fig. 1.

Lepidoptera: Hepialidae

Also issued, 1974, as Qd Dept. Prim. Indust., Div. anim. Indust. Bull. No. 703.

ELLIOTT, H. J., McDONALD, F. J. D. and VESK, Maret

1975. Germarial structure and function in a parthenogenetic aphid, *Aphis craccivora* Koch (Hemiptera: Aphididae). *Int. J. Insect Morphol. & Embryol.* 4(4): 341-347, text-figs 1-12.

FARROW, R. A.

1975. Offshore migration and the collapse of outbreaks of the Australian plague locust (*Chortoicetes terminifera* Walk.) in south-east Australia. *Aust. J. Zool.* 23(4): 569-595, text-figs 1-21.

FERRAR, P.

1975. Disintegration of dung pads in north Queensland before the introduction of exotic dung beetles. *Aust. J. exp. Agric. Anim. Husb.* 15(74): 325-329.

FIELD, R. P.

1975. Butterfly collecting in the Flinders Ranges, S.A. *Victorian Ent.* 5(6): 153.

FILSHIE, B. K., DAY, M. F. and MERCER, E. H.

1975. Colour and colour changes in the grasshopper, *Kosciuscola tristis*. *J. insect Physiol.* 21: 1763-1770.

FOSTER, S. and GRAVES, Trevor

1975. Odonata of north Queensland. *N. Qd Nat.* 43(No. 166): 3-5. [Introduction by T. Graves, remainder joint authorship.]

FRANZMANN, B. A. and ROSSITER, P. D.

1974. Blue oat mite [*Penthaleus major* (Druges)] control trials in southern Queensland. *Qd J. agric. anim. Sci.* 31(3): 221-224, tables 1 & 2.
Also issued as Qd Dept. Prim. Indust., Div. anim. Indust. Bull. No. 696.

GEIER, P. W. and CLARK, L. R.

1976. On the developing use of modelling in insect ecology and pest management. *Aust. J. Ecol.* 1(3): 119-127, text-figs 1-3.

GEIER, P. W. and SPRINGETT, B. P.

1976. Population characteristics of Australian leafrollers (*Epiphyas* spp., Lepidoptera) infesting orchards. *Aust. J. Ecol.* 1(3): 129-144, tables 1-10, text-figs 1-6.

GRIMM, M. and LAWRENCE, P. J. T.

1975. Biological control of insects on the Ord. I. Production of *Sitotroga cerealella* for mass rearing of *Trichogramma* wasps. *J. Agric. West. Aust.* (4)16(4): 90-92.

GROSS, Gordon F.

1975. A revision of the Pentatomidae (Hemiptera-Heteroptera) of the rhynchoris group from Australia and adjacent areas. *Rec. S. Aust. Mus.* 17(6): 51-167, text-figs 1-64.

HACKMAN, R. H.

1975. Expanding abdominal cuticle in the bug *Rhodnius* and the tick *Boophilus*. *J. insect Physiol.* 21: 1613-1623.

HARLEY, K.L.S. and KASSULKE, R.C.

1974. Notes on the biology and host range of *Teleonemia validicornis* Stål (Hemiptera: Tingidae). *J. Aust. ent. Soc.* 13(4): 271-273, table 1, text-figs 1 & 2.

HEATHER, N. W.

1974. Records of termites attacking power poles in south-eastern Queensland. *Qd J. agric. anim. Sci.* 31(3): 225-229, table 1, text-fig. 1.
Also issued as Qd Dept. Prim. Indust., Div. anim. Indust. Bull. No. 705.

HOGAN, T. W.

1974. A genetic approach to the population suppression of the common field cricket *Teleogryllus commodus*. Chapter 4, in: *The use of genetics in insect control*. Edited by R. Pal and M. J. Whitten. Elsevier, North Holland. Pp. 57-70, table 1, text-figs 1 & 2.

HOUSTON, Terry F.

1975. A revision of the Australian hylaeine bees (Hymenoptera: Colletidae). *Aust. J. Zool. Suppl. Ser.* 36: 1-135, text-figs 1-278.

KEY, K. H. L.

1974. Mantodea (praying mantids). (Chapter 16). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Vic. Pp. 40-41.
- 1974a. Orthoptera (grasshoppers, locusts, crickets). (Chapter 21). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Pp. 45-47.
- 1974b. Phasmatodea (stick-insects). (Chapter 22). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Pp. 48-49, text-fig. 19.

KING, I. M.

1976. Underwater sound production in *Micronecta batilla* Hale (Heteroptera: Corixidae). *J. Aust. ent. Soc.* 15(1): 35-43.

LANSBURY, I.

1975. Notes on additions, changes and the distribution of the Australian water-bug fauna (Hemiptera-Heteroptera). *Mem. nat. Mus. Vict.* 36: 17-23, text-figs 1-24.

LYNDON, Ellen

1975. Tailed Emperor in Victoria. *In* Readers' nature notes. *Victorian Nat.* 92(12): 272-273.
Lepidoptera: *Polyura p. sempronius*

MacQUILLAN, M. J.

1974. Problems in selection, application and use of a new pasture pest insecticide — a chemical industry viewpoint. *Abstr. Australas. Conf. Ecol. Grassland Inverteb.* 1974: 83-84.
Acarina: *Halotydeus destructor* and *Penthaleus major*
Collembola: *Sminthurus viridis* and *Hypogastrura* spp.
Orthoptera: Acrididae: lists 3 spp.
Lepidoptera: Hepialidae: *Oncopera* spp.
Coleoptera: Scarabaeidae: *Aphodius tasmaniae*
Hymenoptera: honey bees

MANSKIE, R. C.

1975. A short note on collecting in Victoria's S. E. corner. *Victorian Ent.* 5(3): 115.
Lepidoptera: several species of butterflies mentioned.

MAZANEC, Z.

1974. Influence of jarrah leaf miner on the growth of jarrah. *Aust. For.* 37(1): 32-42.
Lepidoptera: *Perthida glyphopa*

MICHENER, Charles D. and SCHEIRING, Joseph F.

1976. Pupae of allodapine bees (Hymenoptera: Xylocopinae). *J. Aust. ent. Soc.* 15(1): 63-70, text-figs 1-4.

MONRO, J. M.

1975. Environmental variation and the efficiency of biological control — *Cactoblastis* in the southern hemisphere. *Proc. ecol. Soc. Aust.* 9: 204-212, table 1, text-figs 1 & 2.

NEBOISS, A.

1975. The genera *Ophidius* Candèze and *Yalganus* gen. nov. (Elateridae: Coleoptera). *Mem. nat. Mus. Vict.* 36: 25-31, text-figs 1-18, pl. 3.

NEW, T. R.

- 1975b. Wasp parasites of mantid oothecae. *Victorian Ent.* 5(4): 136.
Hymenoptera: Chalcidoidea: Torymidae: *Podagrion*

NEWMAN, Zaidee

1974. Cicada hunters. *Granite Belt Nat.* Dec/Jan 1973/4: 4, illustr.
Popular notes mentioning Hemiptera: cicadas
Hymenoptera: Exeridae

PUTHZ, Valker

1975. An additional new *Stenus* from Australia (Coleoptera, Staphylinidae). *Fieldiana Zoology* 65(7): 85-88, text-fig. 1.

RICE, M. J.

1976. Contact chemoreceptors on the ovipositor of *Lucilia cuprina* (Wied.), the Australian sheep blowfly. *Aust. J. Zool.* 24(3): 353-360, text-figs 1-8.

RIEK, E. F.

- 1973c. A Carboniferous insect. *Nature, Lond.* 224: 455-456.
 1974a. Fossil history. (Chapter 8). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Pp. 28-29.
 1974b. Ephemeroptera (mayflies). (Chapter 12). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Pp. 33-34, text-fig. 15.
 1974c. Plecoptera (stoneflies). (Chapter 20). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Page 44.
 1974d. Megaloptera (alderflies). (Chapter 28). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Page 60.
 1974e. Neuroptera (lacewings). (Chapter 29). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Pp. 60-62, text-fig. 23.
 1974f. Strepsiptera. (Chapter 31). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Page 90.
 1974g. Mecoptera (scorpion-flies). (Chapter 32). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Page 90.
 1974h. Trichoptera (caddis-flies, caddises). (Chapter 35). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Pp. 97-98, text-fig. 35.
 1976. Neoseoptera, a new insect suborder based on specimen discovered in the Late Carboniferous of Tasmania. *Alcheringa* 1(2): 227-234, text-figs 1 & 2.

ROBERTS, Brian and WARREN, Margaret Anne

1975. Diapause in the Australian flesh fly *Tricholioproctia impatiens* (Diptera: Sarcophagidae). *Aust. J. Zool.* 23(4): 563-567, table 1, text-figs 1 & 2.

ROBERTS, R. J. and GEORGE, J. M.

- 1974a. Insect populations of phalaris/white clover versus fescue/white clover pastures under the same grazing regimes. *Abstr. Australas. Conf. Ecol. Grassland Inverteb.* 1974: 81-82.
 Lepidoptera: Oecophoridae: *Philobota productella*
 Coleoptera: Scarabaeidae: *Rhopaea morbillosa*
Anoplognathus spp.

ROHLFIEN, Klaus and EWALD, Birgit

1974. Katalog der in den Sammlungen des ehemaligen Deutschen Entomologischen Institutes aufbewahrten Typen—XI. (Diptera: Cyclorrhapha: Schizophora: Calyptratae). *Beitr. Ent.* 24(1/4): 107-147.
 Diptera: Calliphoridae, Tachinidae
 1975. Katalog der in den Sammlungen des ehemaligen Deutschen Entomologischen Institutes aufbewahrten Typen—XIII. Diptera: Cyclorrhapha: Division Aschiza. *Beitr. Ent.* 25(1): 151-161.

SCHRADER, N. W.

1976. Gibber-bird feeding on blowfly larvae. *Aust. Bird Watcher* 6(6): 179.

SERVENTY, Vincent

1974. Protecting butterflies. In: Along the nature trail. *Wildlife Aust.* 11(3): 94.

This note includes an extract from a letter by J. Orrell.

SHENEFELT, R. D.

1975. Braconidae 8. Exothecinae Rogadinae. *Hymenopterorum Catalogus* (nova editio) 12: 1115-1262.

SWAINE, G., CORCORAN, R.J. and DAVEY, Marguerite A.

1975. A commodity treatment against infestations of the Queensland fruit fly, *Dacus (Strumeta) tryoni* (Froggatt), in Kensington mangoes. *Qd J. agric. animal Sciences* 32(1): 47-50, tables 1 & 2.

Also issued, 1975, as Qd Dept. Prim. Indust., Div. Plant Indust. Bull. No. 719.

THWAITE, W. G.

1975. Control of apple pests. *Agric. Gaz. N.S.W.* 86(6): 15, illustr.

TSUI, P.T.P. and PETERS, W.L.

1975. The comparative morphology and phylogeny of certain Gondwanian Leptophlebiidae based on the thorax, tentorium, and abdominal terga (Ephemeroptera). *Trans. Amer. ent. Soc.* 101(4): 505-595, tables 1-3, text-figs 1-98.

VANE-WRIGHT, R. I.

1975. An integrated classification for polymorphism and sexual dimorphism in butterflies. *J. Zool., Lond.* 117: 329-337.

Lepidoptera: *Tellervo* and *Taenaris*, p. 334

VESTJENS, W.J.M.

1975. Feeding behaviour of spoonbills at Lake Cowal, N.S.W. *Emu* 75(3): 132-136, pl. 8.

Insects of several orders identified to family.

WALTERS, P. J.

1976. Susceptibility of three *Stethorus* spp (Coleoptera: Coccinellidae) to selected chemicals used in N.S.W. apple orchards. *J. Aust. ent. Soc.* 15(1): 49-52, table 1.

WATSON, J. A. L.

1974f. Development of soldiers in incipient colonies of *Mastotermes darwiniensis* Froggatt (Isoptera). *Insectes Soc.* 21(2): 181-190.

1976. The synonymy of *Ischnura heterosticta* (Burmeister) and *Ischnura torresiana* Tillyard (Odonata: Coenagrionidae). *J. Aust. ent. Soc.* 15(1): 71-78, tables 1-3, text-figs 1-24.

WHITTEN, M.J., FOSTER, G.G., ARNOLD, J. and KONOWALOW, C.

1974. The genetics of the Australian sheep blowfly. In: *Handbook of genetics*. Editor, R. King. Plenum, New York.

WOODWARD, T.E., EASTOP, V.P. and EVANS, J.W.

1974. Hemiptera (bugs, leafhoppers, etc.). (Chapter 26). In: *The insects of Australia. Supplement 1974*. Melb. Uni. Press, Carlton, Victoria. Pp. 52-57.